

Abstract of the Disclosure

An air pressurization system is incorporated as part of a replaceable auxiliary ink supply for an inkjet printer. The auxiliary ink supply cartridge includes a pressurized container having air, ink and electrical signal connections. The air pressure applied to the auxiliary ink supply is monitored to be maintained in a predetermined range in accordance with a start-up sequence, an operational sequence, a waiting time, and a close-down sequence.

1. A replaceable auxiliary ink supply cartridge for an inkjet printer, comprising:
a. a pressurized container having air, ink and electrical signal connections;
b. a monitoring system for monitoring the air pressure applied to the auxiliary ink supply;
c. a start-up sequence for maintaining the air pressure in a predetermined range;
d. an operational sequence for maintaining the air pressure in a predetermined range;
e. a waiting time for maintaining the air pressure in a predetermined range;
f. a close-down sequence for maintaining the air pressure in a predetermined range.